

Meteorological Department

St. Maarten

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Weather & Climate

FEBRUARY 2014 IN REVIEW

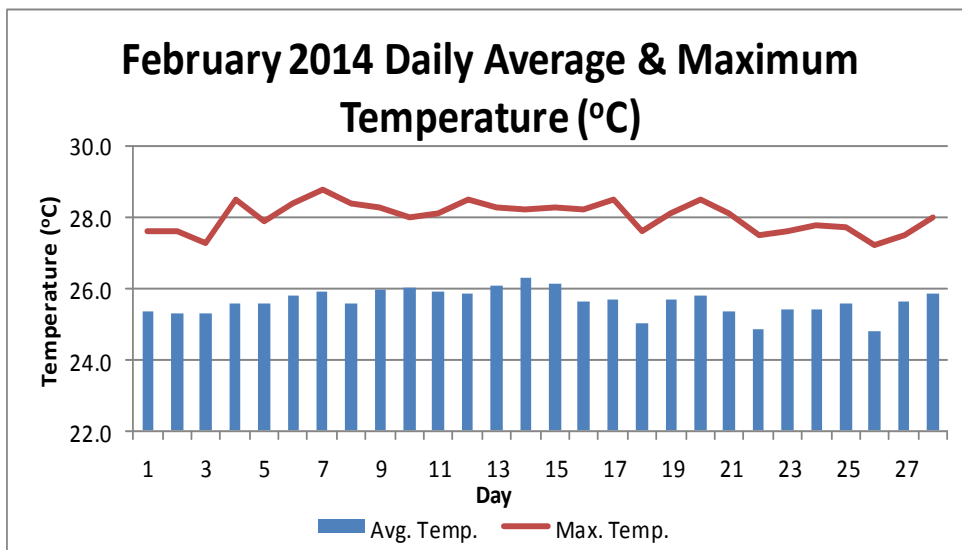
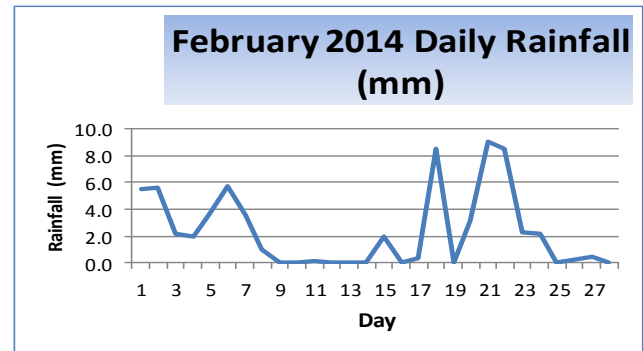
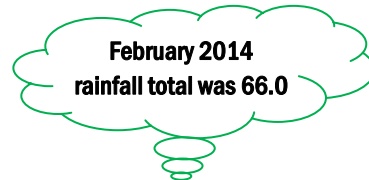
Volume 2, Issue 2

March 2014

The weather conditions across St. Maarten during the month of February 2014 was influenced most of the time by the Atlantic High Pressure Ridge however, weak systems were responsible for some minor instability. Mostly partly-cloudy skies were experienced throughout the month with breezy conditions and occasional light showers. Sea conditions were generally moderate throughout February.

Total Rainfall	66.0 mm	2.6 in.
2014 Cumulative Rainfall	131.9 mm	5.2 in.
Max. 24-Hr. Rainfall	21st	9.0 mm/ 0.4 in.
No. Rain Days	15 days	
No. Heavy Rain Days	0 day	
No. Thunderstorm Days	None	
Avg. Wind Speed	11 kts.	13 mph
Max. Wind Gust	22nd	30 kts. / 35 mph
Avg. Temperature	25.6 °C	78 °F
Max. Temperature	7th	28.8 °C / 84 °F
Min. Temperature	22nd	22.1 °C / 72 °F

Rainfall this month was slightly above the normal range. Normal rainfall for February ranges from 33.0-60.2mm/ 2-3 in. February 21st was the wettest day when 14% of the month's total rainfall was recorded.



Maximum Temperature was below normal for the month of February while the minimum was above normal and the average daily temperature was normal.

The warmest day was the 14th with an average temperature of 26.3°C/79°F.

Maximum sunshine hours was recorded on the 28th (10hrs 54mins.)

Minimum sunshine hours was recorded on the 26th (3 hrs. 54min)

The windiest day was the 19th with a daily average wind speed of 13 kts. / 15mph.

MARCH AT A GLANCE

March is the driest month of the year!

Normal Rainfall Total	31.3 mm – 58.8 mm	1 – 2 in.
Driest March	1983	7.3mm/ 0.3in.
Wettest March	2007	169.2mm/ 6.7in
Normal No. of Rain days	9 days	
Normal Daily Average Temperature	25.5 °C – 26.0 °C	78 – 79 °F
Normal Max. Temperature	30.1°C – 31.0°C	86 – 88°F
Normal Min. Temperature	20.8 °C – 21.8°C	69 – 71°F
Avg. Daily Hours of Sunshine	8 hrs. 42min.	

Mild & Dry becoming wetter in May

Seasonal Outlook

Dry Season!

According to the Caribbean Outlook Forum : www.cimh.edu.bb/?p=precipoutlook

- ◆ The climate outlook for the season ‘ March–April-May’ is expected to be dry, with alternations of sunny days with short spells of showers, mostly without heavy rainfall and becoming wetter in May.
- ◆ Rainfall and temperatures are expected to be above normal.
- ◆ Sea Surface Temperatures (SSTs) are presently slightly above normal and are forecasted to remain warm throughout the season.
- ◆ The Atmosphere is expected to contain little moisture during March-April, but increasing in May and the trade winds are expected to remain stronger than average.

Impact:

Reduced Risk of pests & vector borne diseases this season.